

INTRODUCTION

New Roof Construction Manual

This manual is intended for use with Western Red Cedar and Alaskan Yellow Cedar shake and shingle application only. Western Red Cedar and Yellow Cedar products manufactured by CSSB members are labeled with the "Certi" brand name. The species is indicated by either "Yellow" or "Red" Cedar at the top of the label. For ease of reference this manual refers to "Certi-label® Western Cedar" and the term is understood to include both Western Red Cedar and Alaskan Yellow Cedar products manufactured by CSSB members.

Material for this manual has been compiled from various authoritative sources, and many of the construction methods shown herein have been developed by the shake and shingle specialists in both the United States and Canada. The design and application details and methods of construction reflect current good building practice. Other options are possible but ensure that you check with your local code jurisdiction for approval.

The information in this manual is not intended to supersede local building codes.

Cedar Shake & Shingle Bureau® History

On June 9, 1915, at a meeting of the Trustees of the West Coast Lumber Manufacturers Association, it was agreed to establish a branch of the association to serve those members who manufactured shingles. Our influence grew, and as we survived both the Great Depression and World War II, manufacturers continued their quality commitment. In 1963 the organization merged with the Handsplit Shake Bureau to become the Red Cedar Shingle & Handsplit Shake Bureau.

Manufacturers' product lines continued to broaden and, in 1988, the members changed the organization's name to the Cedar Shake & Shingle Bureau®. In the late 1980s, mill quality control inspections were subcontracted to independent, third party quality control agencies.

Each year the Cedar Shake & Shingle Bureau®'s staff answer thousands of technical questions and product selection queries. Our proud history, quality reputation and dedicated members provide excellent Certi-label® cedar shake and shingle roofing and siding products.

Certi-label® Products

Cedar shakes and shingles manufactured by members of the Cedar Shake & Shingle Bureau® ("CSSB") are the only products labeled with the "Certi" brand name. Certi-label® cedar shakes and shingles are made by experienced craftsmen who take pride in their trade and the quality of their product. Despite their varying sizes and sometimes remote locations, member mills are bound together by a rigid quality code. Unannounced independent inspections conducted by accredited third party agencies ensure that product quality is maintained. Products are inspected to conform with various local, national and international codes and standards (contact the CSSB for specific details).

Each bundle of product has the mill's distinctive Certi-label® tucked under the bundle strap. Asking for "the Blue Label®" or "number one blue label" is not specific enough: CSSB members' products are the only ones with the *Certi* brand name on the label.

Please Note: ONLY experienced professionals who follow proper safety and workmanship practices should implement the information contained herein.

Note: This manual replaces all previous versions of the "Cedar Shake and Shingle Bureau Design and Application Manual for New Roof Construction."

CONTENTS

Certi-label® Products	pages 1-2
General Design & Application Details	pages 3-5
Mansard Roof Details	page 6
Low Slope Roof Details	page 7
Hip & Ridge Details	page 7
Roof Juncture Details	pages 8-9
Roof Valley Flashing Details	pages 9-10
Roof Projection Flashing Details	page 11
Roof Fastener Guidelines	page 12
Ventilation Details	pages 13-14
Specialty Roof Deck Details	pages 15-16
Cold Roof System Details	pages 17-18
High Humidity Area Details	page 19
Coverage & Exposure Tables	page 20
Care & Maintenance Overview	pages 21-22
Specification Guidelines	pages 23-24
How to Read a Certi-label®	page 25

Cover House Photo:
Architect: Shope Reno Wharton
Photo: Robert Benson

Cover Product Photo: John Gordon